

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U063020\
 Data File : VU039251.D
 Acq On : 01 Jul 2020 01:35
 Operator : SY/MD
 Sample : L3121-09DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 01 02:30:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 02:28:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	198995	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	201473	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	86278	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63303	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.93	69	70161	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	2.59	63	99075	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.67	46	180761	32.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.98%
24) Chloroform-d	5.10	84	124585	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.74	65	74964	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	5.76	84	233721	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.72	67	70396	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.92	98	200352	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	8.20	79	31874	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.66	63	140472	35.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	57876	3.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	74468	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

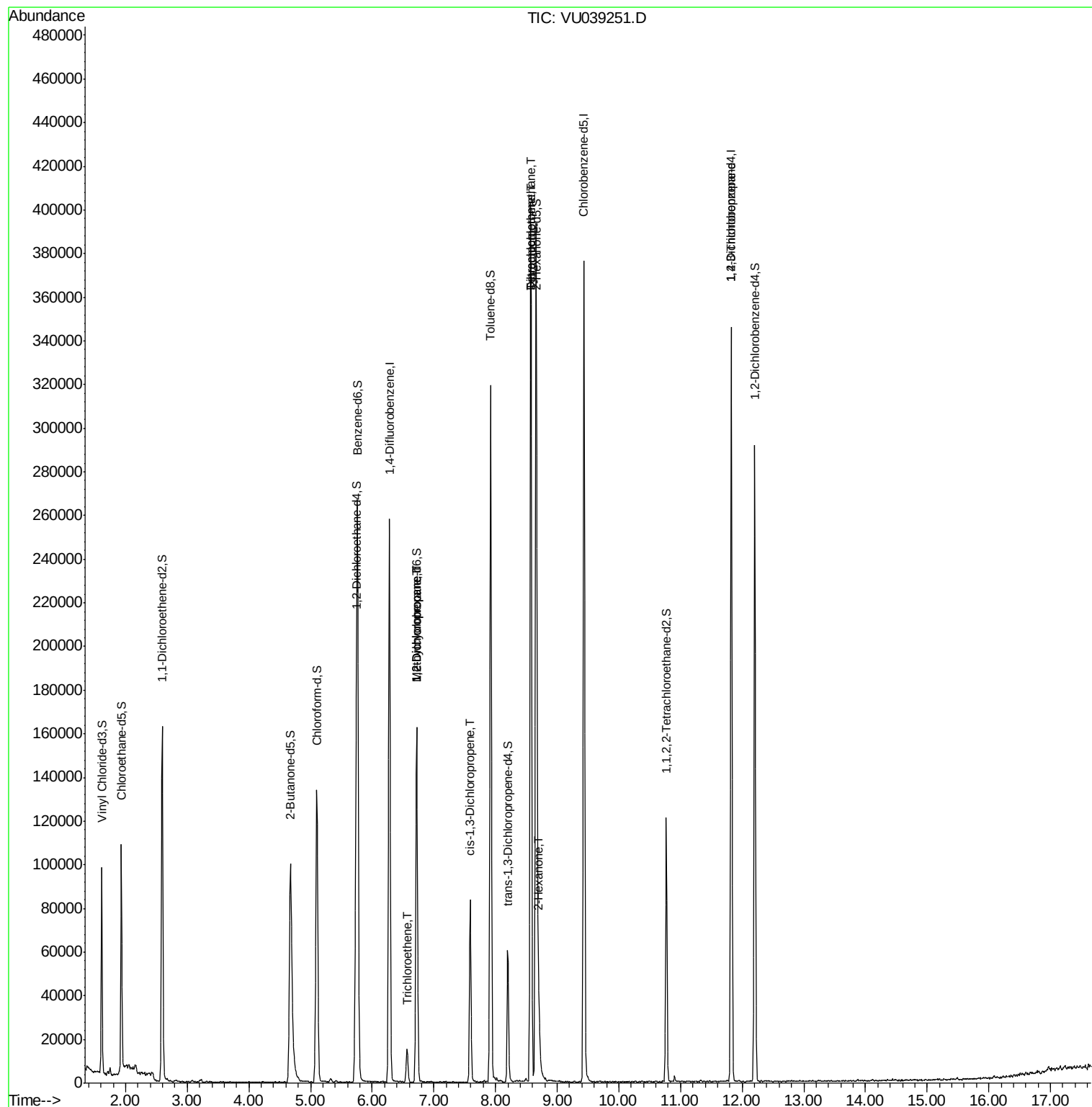
					Ovalue
34) Trichloroethene	6.57	95	3280	0.211 ug/L	93
35) Methylcyclohexane	6.72	83	17816	0.767 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	9068	0.567 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2435	0.107 ug/L #	80
47) Tetrachloroethene	8.57	164	80268	7.364 ug/L	96
48) 2-Hexanone	8.70	43	16740	1.811 ug/L #	84
49) Dibromochloromethane	8.57	129	81290	6.082 ug/L #	9
59) 1,2,3-Trichloropropane	11.82	75	11237	0.909 ug/L #	88

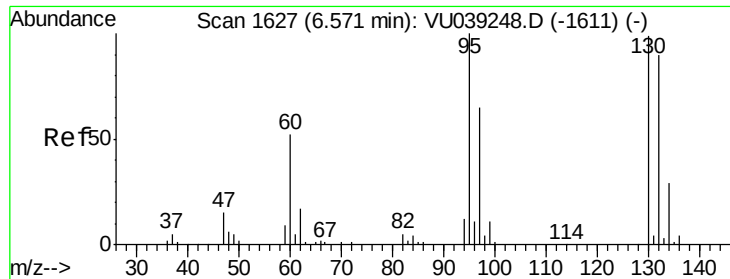
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 01 02:28:19 2020
Response via : Initial Calibration





#34

Trichloroethene

Concen: 0.211 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU039251.D

Acq: 01 Jul 2020 01:35

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 3280

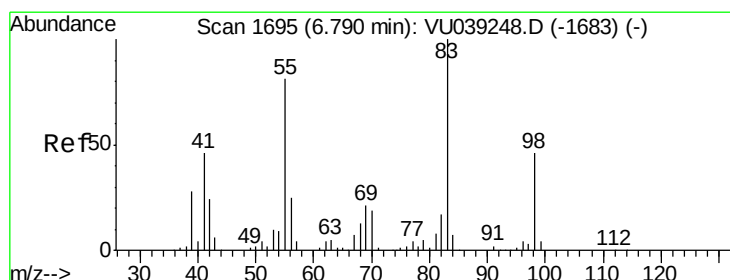
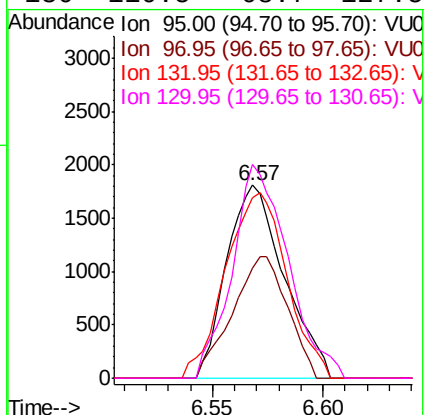
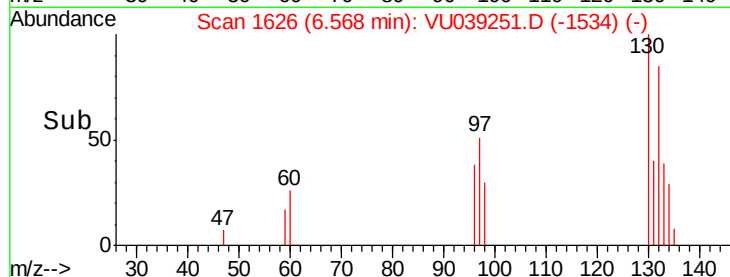
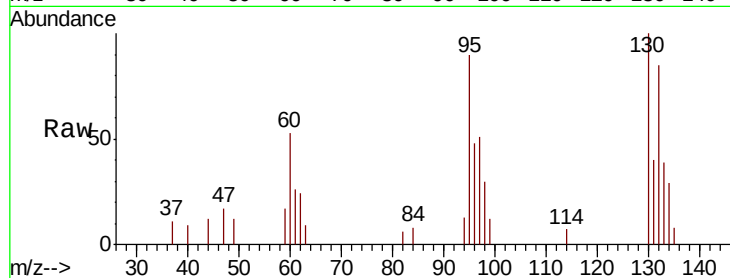
Ion Ratio Lower Upper

95 100

97 56.9 44.0 81.8

132 93.7 64.9 120.5

130 110.5 68.7 127.5



#35

Methylcyclohexane

Concen: 0.767 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039251.D

Acq: 01 Jul 2020 01:35

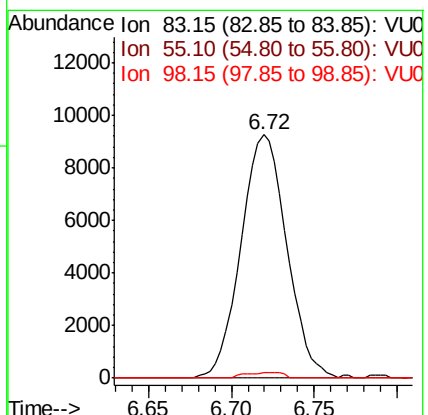
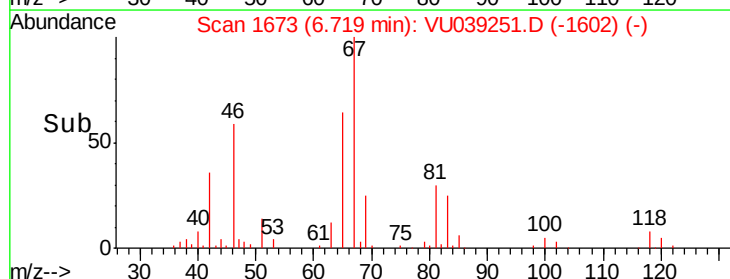
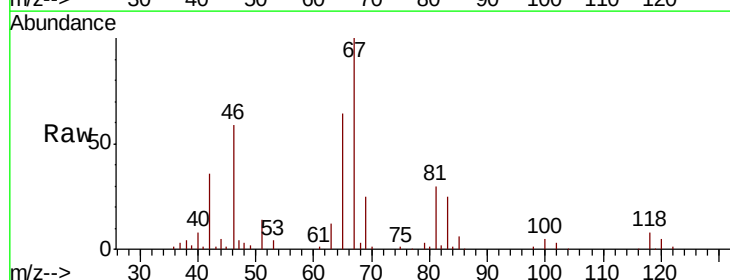
Tgt Ion: 83 Resp: 17816

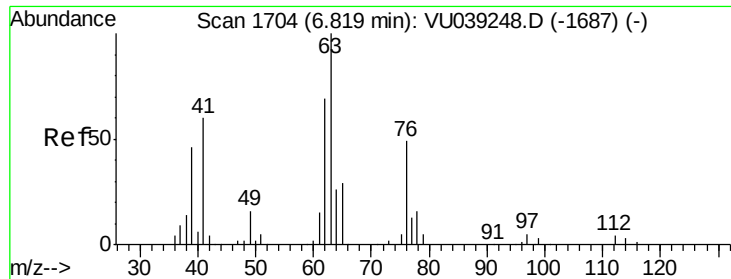
Ion Ratio Lower Upper

83 100

55 0.0 64.4 96.6#

98 1.9 37.9 56.9#

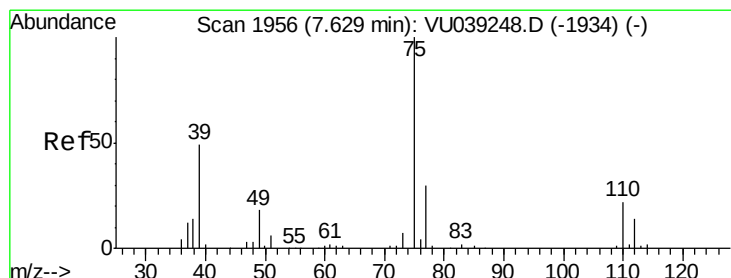
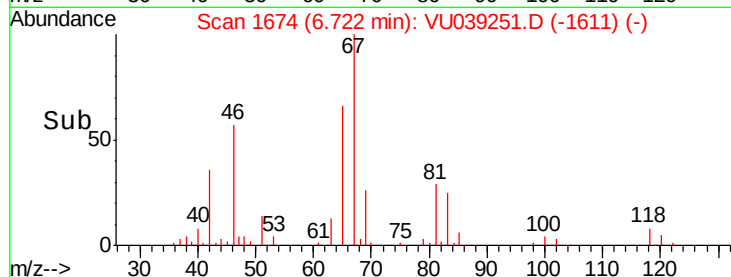
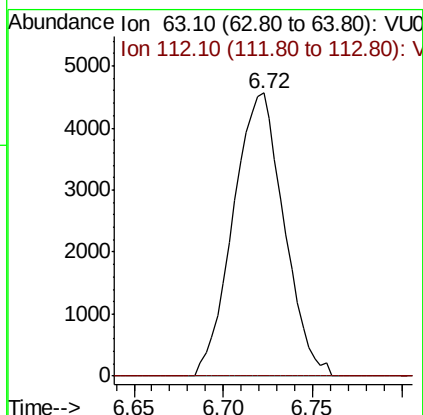
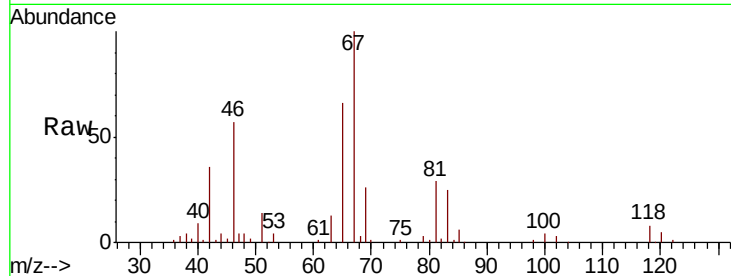




#37
 1,2-Dichloropropane
 Concen: 0.567 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU039251.D
 Acq: 01 Jul 2020 01:35

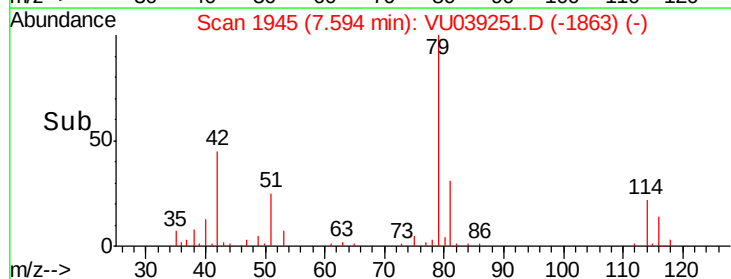
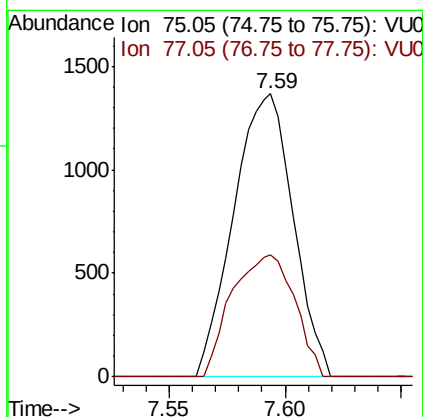
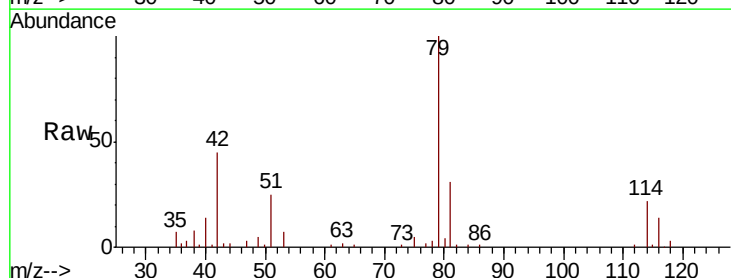
Instrument :
 MSVOA_U
 ClientSampled :

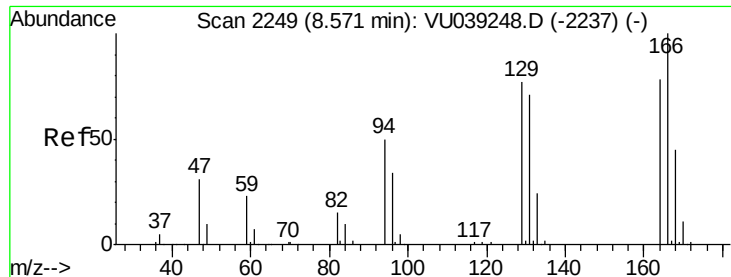
Tot Ion: 63 Resp: 9068
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU039251.D
 Acq: 01 Jul 2020 01:35

Tgt Ion: 75 Resp: 2435
 Ion Ratio Lower Upper
 75 100
 77 43.2 22.5 41.7#

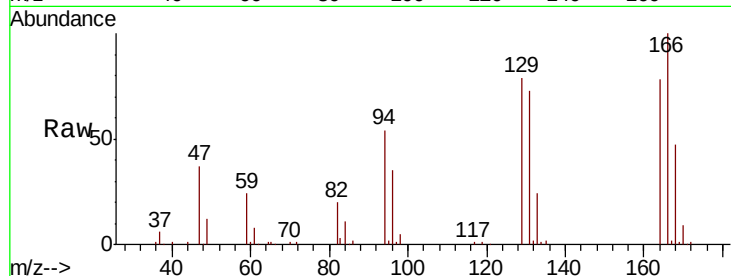




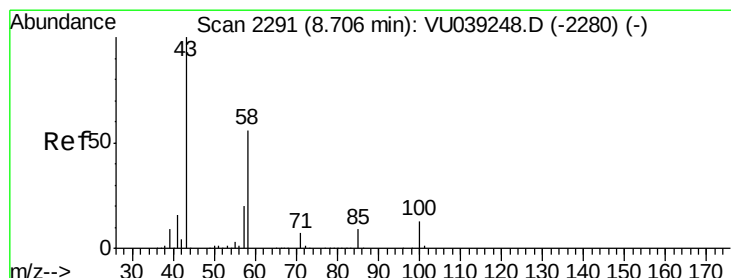
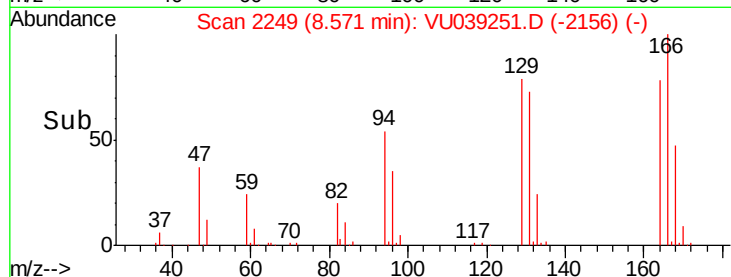
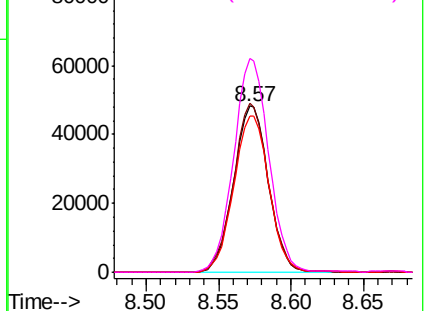
#47
Tetrachloroethene
Concen: 7.364 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. 0.00 min
Lab File: VU039251.D
Acq: 01 Jul 2020 01:35

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 80268
Ion Ratio Lower Upper
164 100
129 101.5 66.4 123.4
131 94.1 66.7 123.9
166 128.4 92.3 171.5

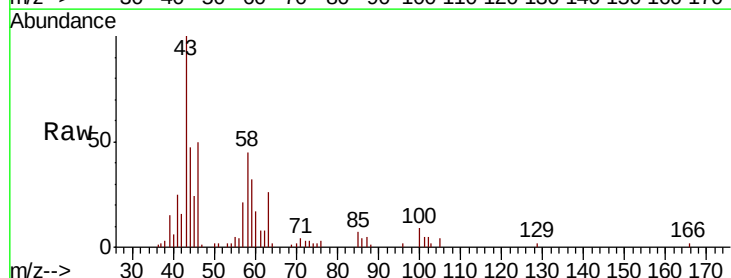


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

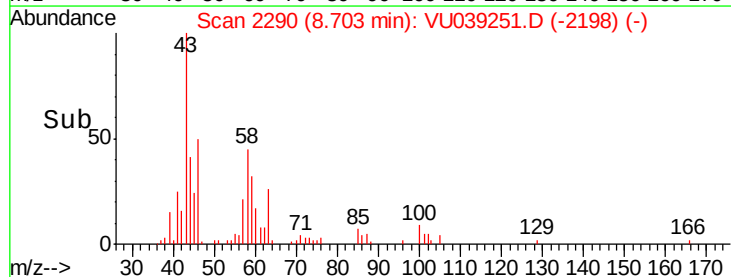
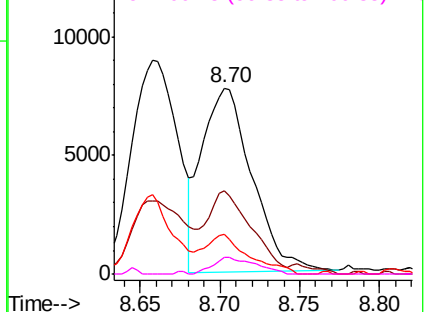


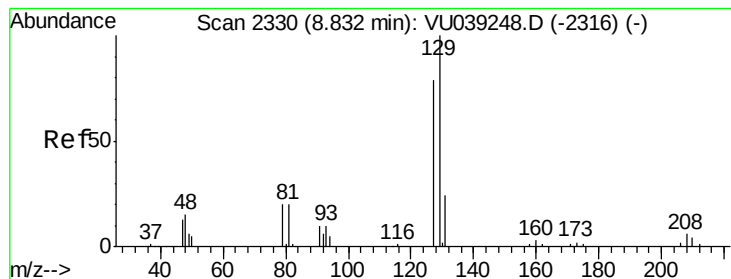
#48
2-Hexanone
Concen: 1.811 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU039251.D
Acq: 01 Jul 2020 01:35

Tgt Ion: 43 Resp: 16740
Ion Ratio Lower Upper
43 100
58 39.0 43.6 65.4#
57 18.9 15.5 23.3
100 7.6 10.0 15.0#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 6.082 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU039251.D

Acq: 01 Jul 2020 01:35

Instrument :

MSVOA_U

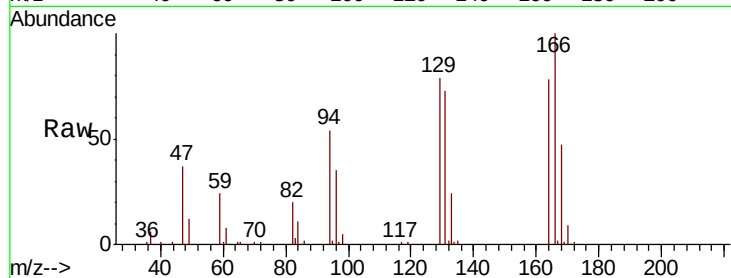
ClientSampled :

Tot Ion:129 Resp: 81290

Ion Ratio Lower Upper

129 100

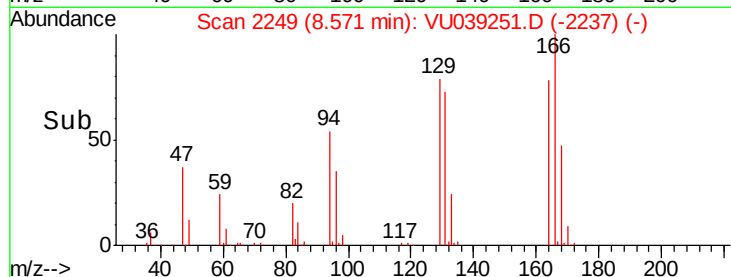
127 0.0 56.8 105.4#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.57



Abundance

50000

40000

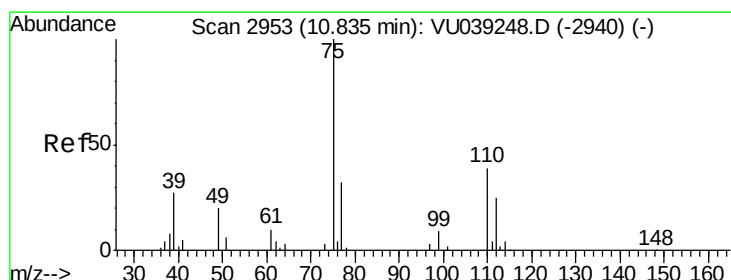
30000

20000

10000

0

Time--> 8.50 8.55 8.60 8.65



#59

1,2,3-Trichloropropane

Concen: 0.909 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.99 min

Lab File: VU039251.D

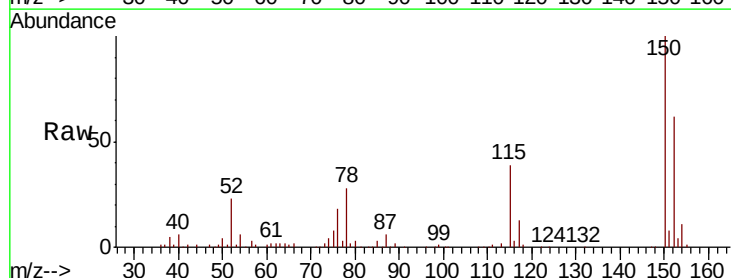
Acq: 01 Jul 2020 01:35

Tgt Ion: 75 Resp: 11237

Ion Ratio Lower Upper

75 100

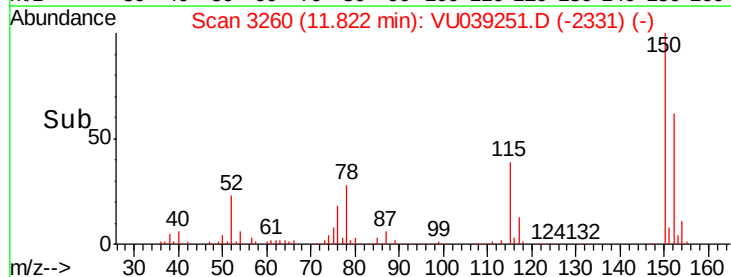
77 37.4 24.6 36.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.82



Abundance

8000

6000

4000

2000

0

Time--> 11.75 11.80 11.85